

FIG. 1A

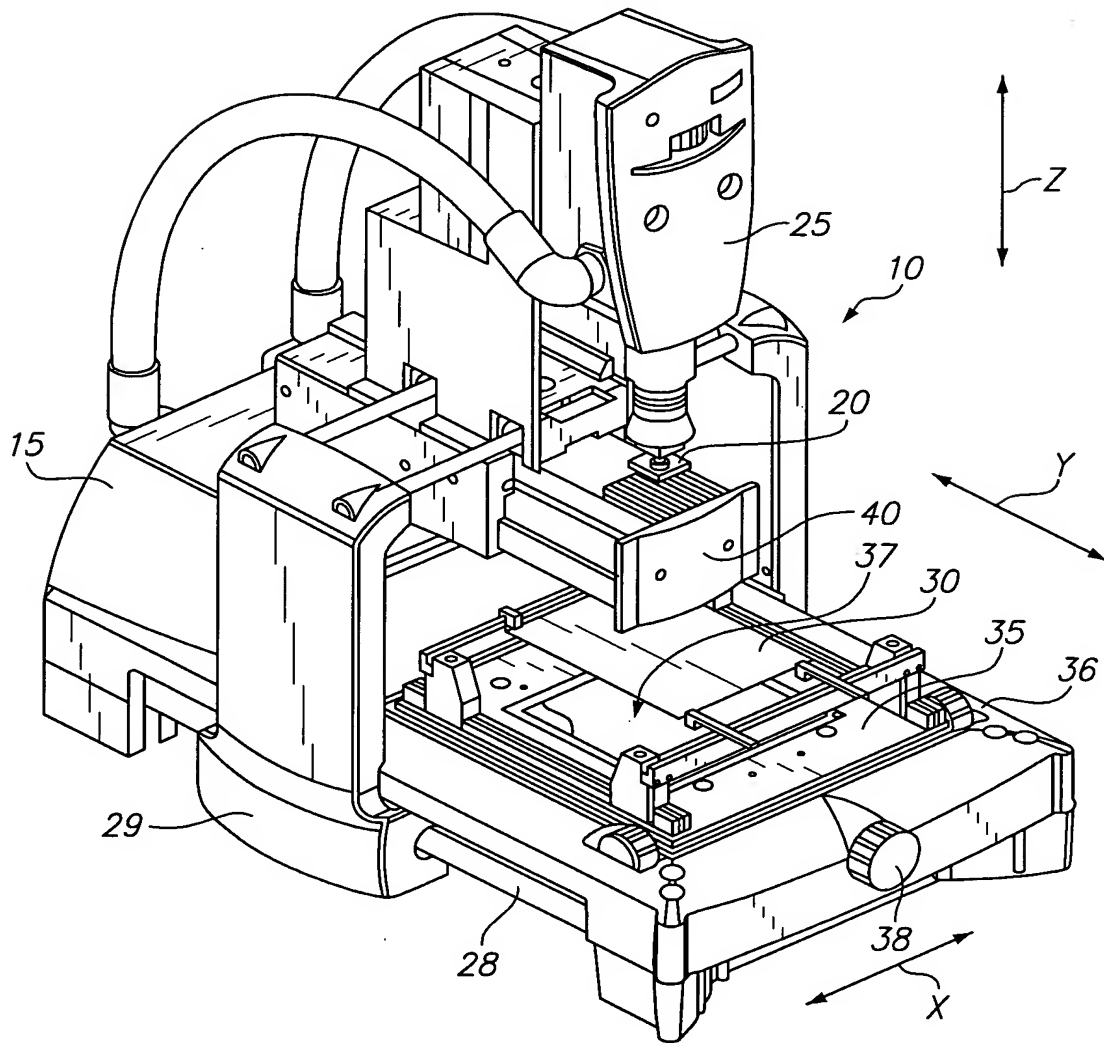


FIG. 1B

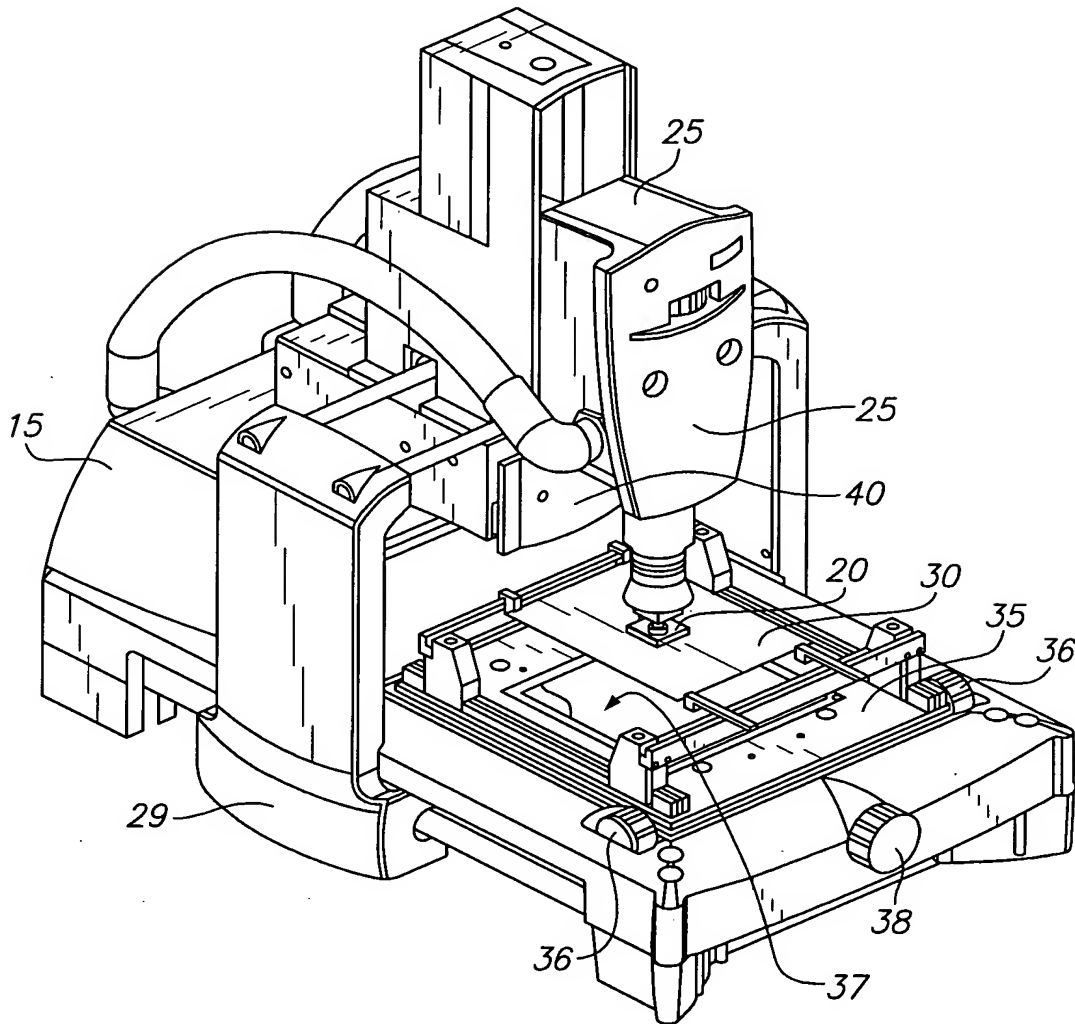


FIG. 1C

APPLN. FILING DATE: NOVEMBER 2, 2001

TITLE: SYSTEM AND METHOD FOR RAPID ALIGNMENT AND
ACCURATE PLACEMENT OF ELECTRONIC COMPONENTS ON A
PRINTED CIRCUIT BOARD

INVENTOR(S): MIKE CARLOMAGNO, ET AL.

APPLICATION SERIAL NO: 10/053,512

SHEET 4 of 8

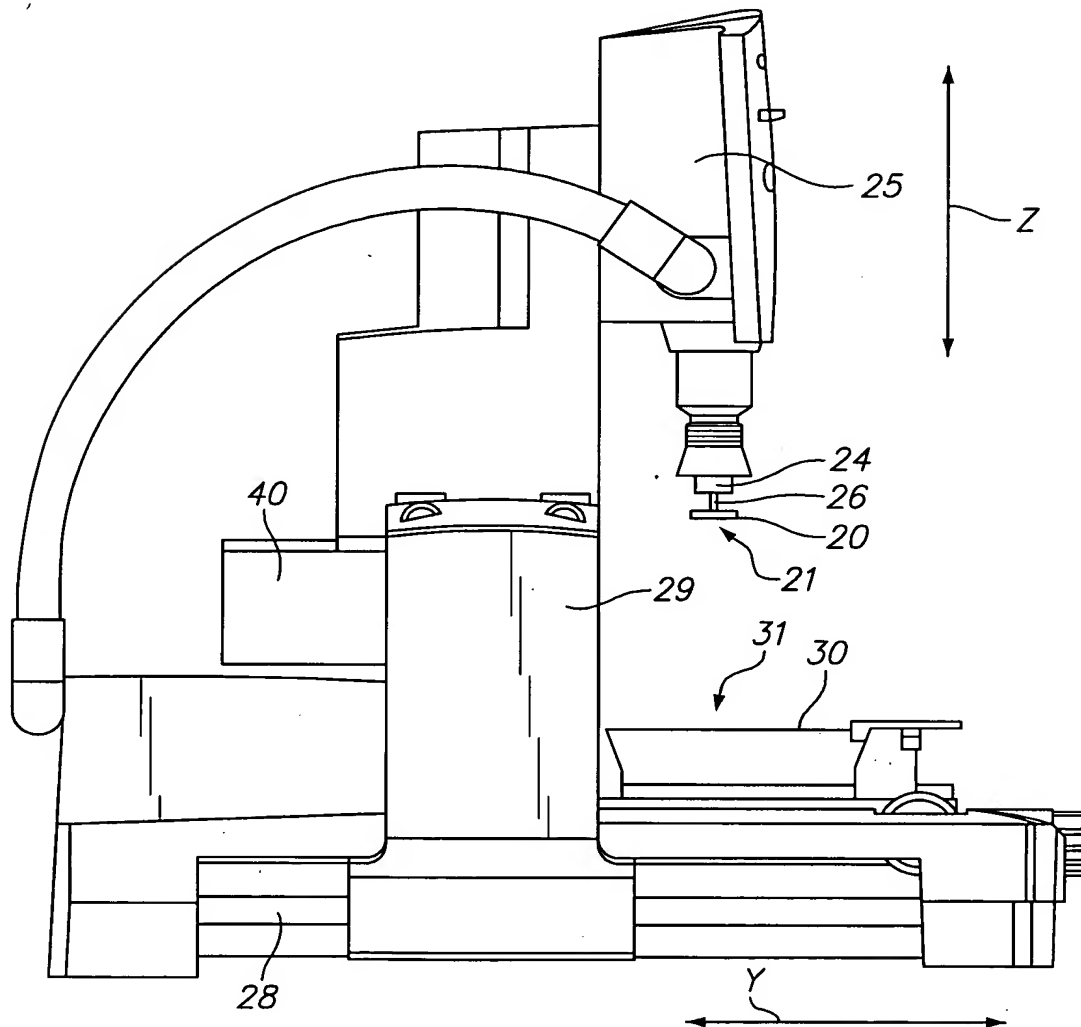


FIG. 2A

APPLN. FILING DATE: NOVEMBER 2, 2001

TITLE: SYSTEM AND METHOD FOR RAPID ALIGNMENT AND
ACCURATE PLACEMENT OF ELECTRONIC COMPONENTS ON A
PRINTED CIRCUIT BOARD

INVENTOR(S): MIKE CARLOMAGNO, ET AL.

APPLICATION SERIAL NO: 10/053,512

SHEET 5 of 8

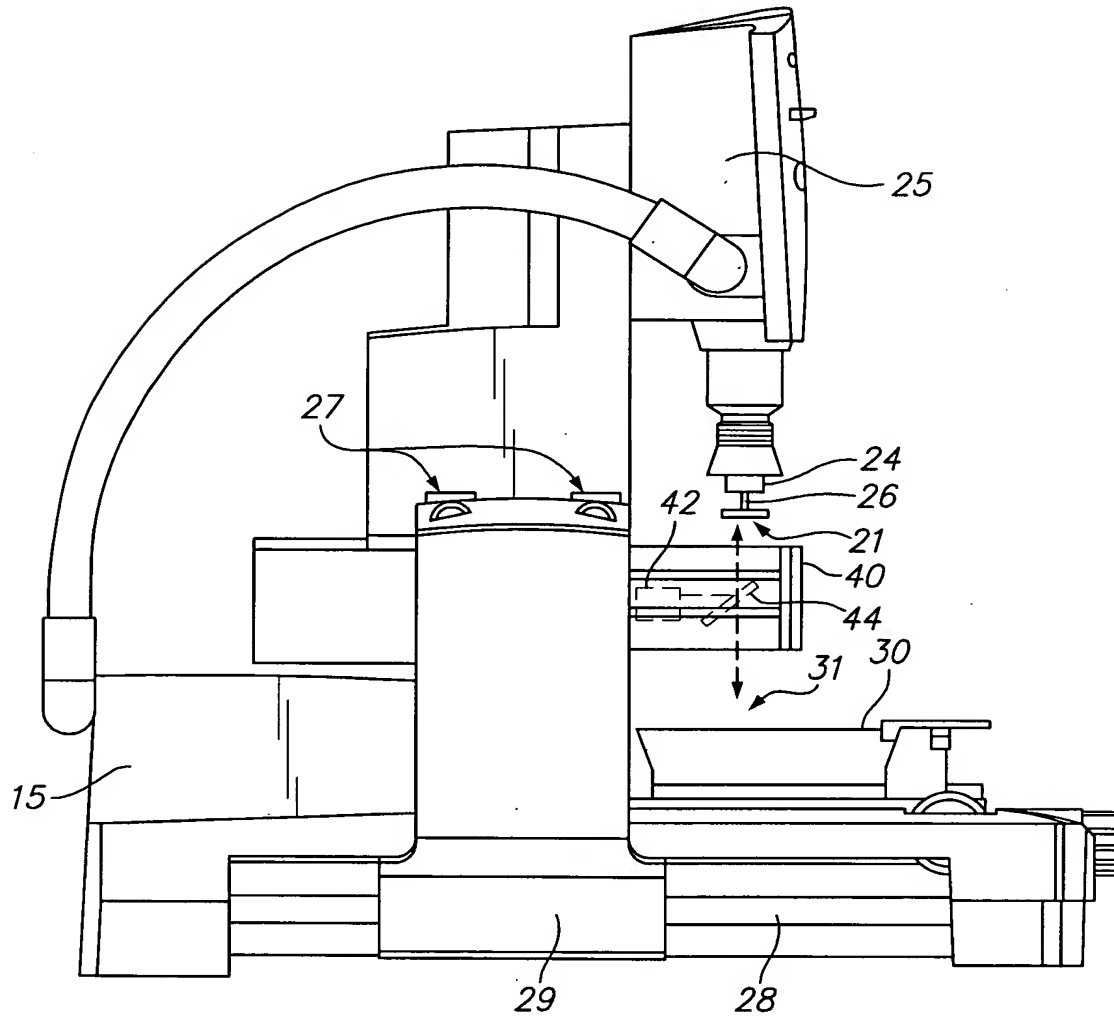


FIG. 2B

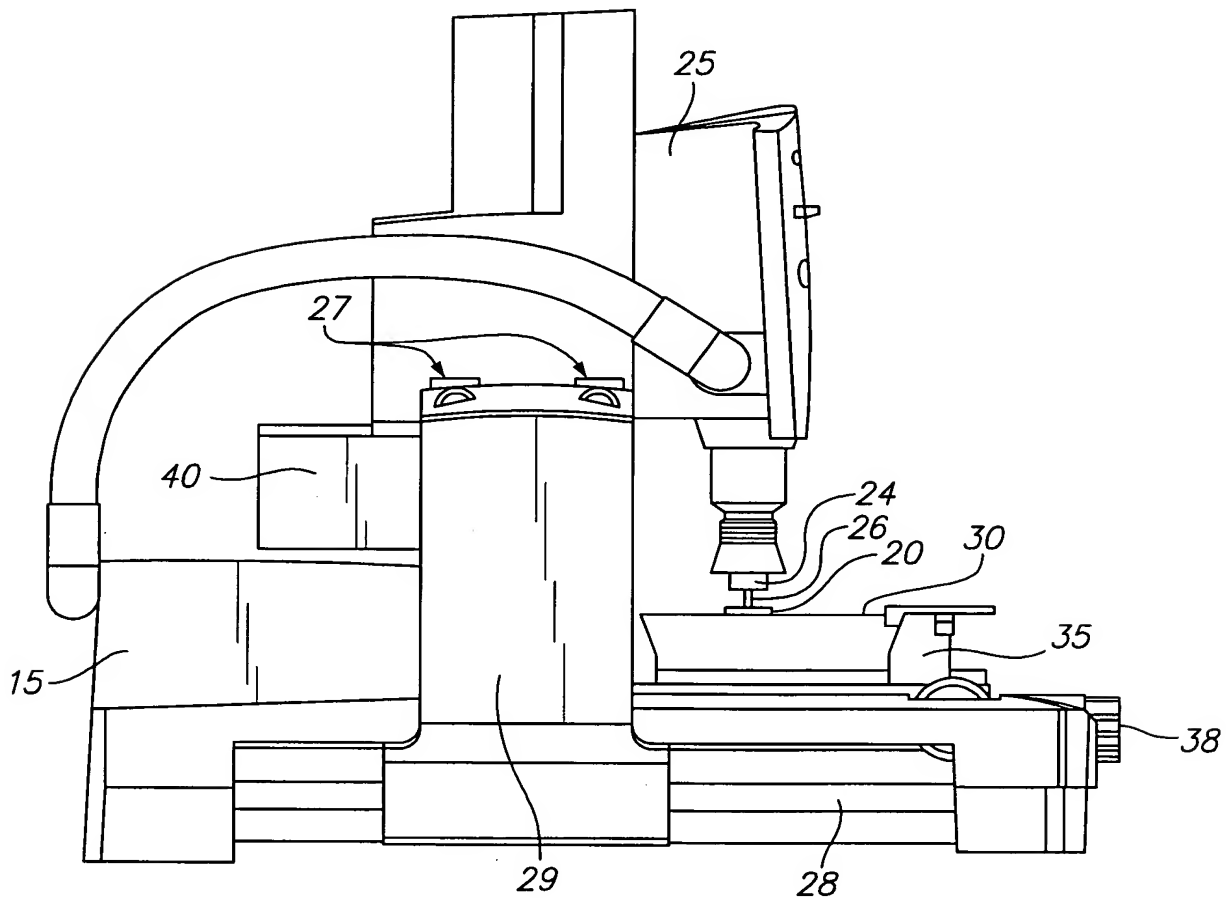


FIG. 2C

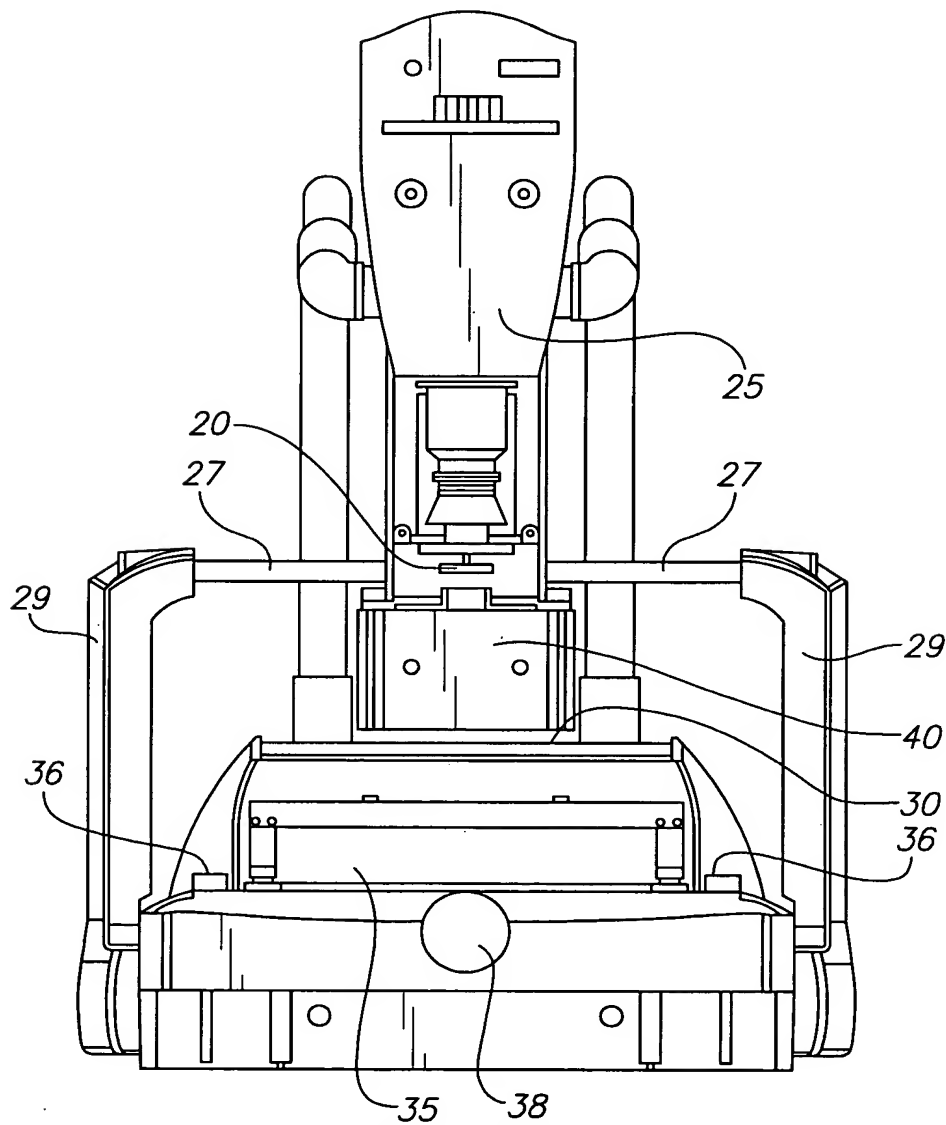


FIG. 3A

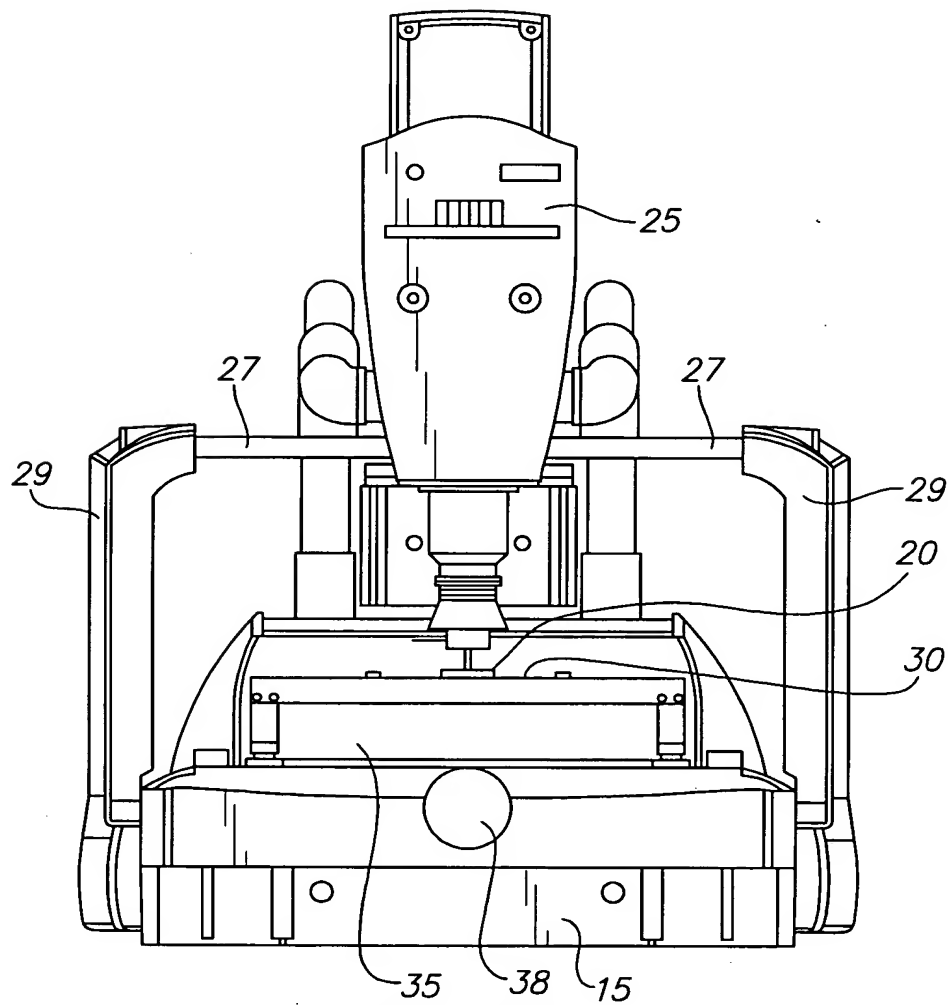


FIG. 3B